

IN THE CLAIMS:

1. (Currently Amended) A pumping system for sensing and moving liquid comprising:

a liquid sensor for sensing liquid and being constructed and arranged to provide an electrical signal when exposed to the liquid;

a control unit comprising a power converter and relay, whereby the power converter converts an input AC voltage to a DC voltage and whereby the relay becomes activated by the electrical signal provided by the sensor; and

a pump for moving liquid that has been sensed by the sensor from a first location to a second location, whereby when the relay becomes activated, the pump is powered by the DC voltage output from the power converter ~~of the electric~~.

2. (Original) The system of claim 1, further comprising a second liquid sensor which activates a second relay of the control unit, which supplies DC voltage to a notification means for indicating the presence of an initial collection of liquid.

3. (Original) The system of claim 2, wherein the notification means comprises at least one of the following: an audible indicator, a visual indicator and a telephone dialer system.

4. (Original) The system of claim 1, further comprising a bypass switch for bypassing the sensor so that the pump may obtain power directly from control unit without the need to sense liquid.

5. (Original) The system of claim 1, wherein the control unit has an AC power switch to deactivate the AC power supply.

6. (Original) The system of claim 5, further comprising a switch having a DC voltage position for allowing the control unit to be connected to a battery which is used to energize the pump.

7. (Original) The system of claim 1, wherein the pump can be operated even when sensor has not sensed liquid.

8. (Original) The system of claim 1, wherein the pump can be operated from a DC battery source.

9. (Original) A method for handling a collection of liquid comprising:

converting an input AC voltage to a DC voltage, using a power converter;

activating a switch when a liquid sensor is in the presence a liquid;

activating a relay after the switch has been activated;
passing the DC voltage to a pump via the relay; and
pumping the collection of liquid to a desired location via the pump.

10. (Original) The system of claim 9, further comprising a second sensor, second relay and notification means, whereby the second sensor is for sensing an initial collection of fluid, the second relay is for passing the DC voltage from the activated sensor to a notification means and the notification means is for notifying a person that an initial collection of liquid has been sensed.

11. (Original) The system of claim 9, wherein the transformer converts 120 volts AC to 12 volts DC.

12. (Original) The system of claim 9 further comprising a bypass switch for bypassing the sensor so that the pump may obtain power directly from control unit without the need to sense liquid.

13. (Original) The system of claim 10, wherein the notification means comprises at least one of the following: an audible indicator, a visual indicator and a telephone dialer system.

14. (Original) The system of claim 9, further comprising a switch having a DC voltage position for allowing the control unit to be connected to a battery which is used to energize the pump.

15. (Original) A system for sensing, notification and removal of liquid comprising:
a transformer that converts a supply of AC voltage to a lower DC voltage;
a first sensor that upon sensing a first collection of liquid delivers the DC voltage to a relay;
a first relay that delivers the DC voltage to a notification means to notify that the first collection of liquid has been sensed;
a second sensor that upon sensing a second collection of liquid delivers the DC voltage to a second relay;
a pump that upon activation pumps the second collection of liquid; and
a second relay that delivers the DC voltage to activate the pump.

16. (Original) The system of claim 15, wherein the transformer converts 120 volts AC to 12 volts DC.

17. (Original) The system of claim 16 further comprising a bypass switch for bypassing the sensor so that the pump may obtain power from control unit without the need to sense liquid.

18. (Original) The system of claim 15, wherein the notification means comprises at least one of the following: an audible indicator, a visual indicator and a telephone dialer system.